

Weekly Metrics for September 29 – October 5, 2002

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements *	Actual (GB)	Footnote
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	88	A
		L1 Prod	GSFC	400	1X Baseline	395	A
		Archive	GSFC	498	1X Baseline	483	A
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	6	B
		L1 Ingest	NSIDC	10	1X Baseline	7	B, C
		L2-L3 Prod	GHRC	12	0.5X Baseline	22	C
		Archive	NSIDC	32	Baseline	35	C
	CERES	Archive	LaRC	58	Baseline	Included in Terra CERES	See Footnote S
		Distribution <i>Testing/QA End Users</i>	LaRC	1,421 107	IT Requirements 1X Baseline		
	MODIS	L0 Ingest	GSFC	469	1X Baseline	464	V R, V V R, V
		L1 Prod	GSFC	2,498	1X Baseline	2,875	
		L2-L4 Prod	MODAPS	801	0.5X Baseline	195	
		Archive	EDC	540	Baseline	0.5	
			GSFC	3,172	Baseline	3,556	
			NSIDC	56	Baseline	0	
		Distribution <i>Testing/QA SIPS Production</i>	GSFC	362	IT Requirements	362 0	
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	1.5	U
ACRIMSAT (12/99)	ACRIM 3	Archive	LaRC	0.06	1X Baseline	0	D
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	605	E
		L1B Ingest	EDC	271	1X Baseline	172	E
		L2-L3 Prod	EDC	1,203	3X Baseline	383	E
		Archive	EDC	2,154	Baseline	1,200	E
		Distribution <i>End Users</i>	EDC	1,352	1X Baseline	2,139	G, M, N, O, P
	CERES	Archive	LaRC	351	Baseline	1,304	S
		Distribution <i>Testing/QA End Users</i>	LaRC	1,421 117	IT Requirements 1X Baseline	0 3	S G, M, N, O, T
	MISR	L0 Ingest	LaRC	249	1X Baseline	262	F F F
		L1 Prod	LaRC	3,323	3X Baseline	4,971	
		L2-L3 Prod	LaRC	281	3X Baseline	188	
		Archive	LaRC	3,853	Baseline	5,435	
		Distribution <i>End Users</i>	LaRC	1,201	1X Baseline	2,030	G, M, N, O
	MODIS	L0 Ingest	GSFC	469	1X Baseline	488	W H, Q, V H, I, Q, V I, Q, V H, I, Q, V G, M, N, O G, N, O
		L1 Prod	GSFC	7,494	3X Baseline	12,612	
		L2-L4 Prod	MODAPS	14,254	3X Baseline	2,412	
		Archive	EDC	8,606	Baseline (L2-L4)	732	
			GSFC	12,772	Baseline (L0-L4)	15,537	
			JPL	0	Baseline (L2-3)	0	
			NSIDC	839	Baseline (L2-L3)	32	
			EDC				
		Distribution <i>End Users</i>		2,869	1X Baseline	2,139	
		Distribution <i>Testing/QA SIPS Production End users Distribution</i>	GSFC JPL	362 4,101	IT Requirements 1X Baseline	441 1,347	

		<i>End Users</i> Distribution <i>End Users</i>	NSIDC	0 280	Baseline 1X Baseline	1 63	G, M, N
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>End Users</i>	LaRC SIPS SIPS LaRC LaRC	1.9 1.7 1.7 5.3 1	1X Baseline 3X Baseline 3X Baseline Baseline 1X Baseline	1.9 0 9.2 11.8 10	J J J G, M, N, O
Landsat-7 (4/99)	ETM+	Archive Distribution	EDC EDC	1,071 58	250 Scenes ECS ICD	958 31	T
Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	JPL JPL	NA	NA	2 9	
QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	JPL JPL	109	Weekly Average	43 350	K
TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	JPL JPL	24	Weekly Average	0 14	K
Other Missions	AVHRR	Archive (L2+) Distribution	JPL JPL	NA	NA	69 160	L

Notes:

- A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB).
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. The AMSR-E SIPS began receiving continuous data flow from NASDA on 9/3 and expects to receive continuous data for one month (through September). In mid-November, NASDA is scheduled to resume data transmission and continue to for the life of the instrument. Public release of the data products is set for May 2003.
- D. ACRIM data is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. Total archive volume includes 3.6 GB of L0 data.
- F. L1 volume includes reprocessed L1 data volumes for June/July 2001 and June 2002. Little reprocessing of L2 products was done during this reporting period.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Little reprocessing was done except for ocean products, as planned by MODIS science team. Reprocessing of the ocean products will be continued until October 2002.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. Reprocessing was primarily focused on L2 production. Reprocessed data include MOPITT L2 products for December 2000 and March/April 2001.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- L. Includes distribution of educational materials in addition to AVHRR SST.
- M. Does not include distribution by subscription.
- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data, but distribution remains up as the free data backlog is being worked off.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products is dependent on MODAPS processing schedule.
- S. Represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. Landsat 7 program changed global coverage and a lower number of scenes were captured by the satellite.
- U. Includes last week's data that were not transmitted to DAAC.
- V. MODAPS was down due to MTVS1 database problems between 9/25 and 10/2. MTVS1 database is used for Terra and Aqua forward processing of L2-4 products.
- W. Includes reprocessed L1B data for May/June 2000, September 2000, May/June 2000, and September 2001 – August 2002 (in many cases only a few days, not a whole month, worth of data were reprocessed).

* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).